

Amendments to the Drawings

Attached hereto is one sheet of amended drawings, labeled "Replacement Sheet" pursuant to 37 CFR 1.121(d). This replacement sheet replaces original sheet 4/11 containing Fig. 4a.

Attachment: Replacement Sheet
Annotated Marked-Up Drawings sheet

REMARKS

A Sequence Listing has been inserted into the application in written (on paper) form. A computer readable form of the Sequence Listing is also enclosed herewith. The specification has been amended to insert the SEQ ID NOs corresponding to the sequences set forth in the enclosed Sequence Listing.

The sequences set forth in the Sequence Listing are from Figure 4a (SEQ ID NOs 1, 2 and 3); page 32, line 20 (SEQ ID No:4); and page 32, line 22 (SEQ ID No:5).

FIG 4a has been amended to refer to the sequence identifiers for the sequences shown therein.

**STATEMENT TO SUPPORT FILING AND SUBMISSION
IN ACCORDANCE WITH 37 C.F.R. §§1.821-1.825**

I hereby state that the sequence listing information recorded in computer readable form submitted herewith is identical to the written (on paper) sequence listing submitted herewith. The submission includes no new matter.

Respectfully submitted,

CHRISTOPHER SCOTT

BY 

DANIEL A. MONACO
Registration No. 30,480
DRINKER BIDDLE & REATH LLP
One Logan Square
18th and Cherry Streets
Philadelphia, PA 19103-6996
Tel.: (215) 988-3312
Fax: 215) 988-2757
Attorney for Applicant

ANNOTATED MARKED-UP DRAWINGS

SEQUENCE
IDENTIFIERS
ADDED

4/11

SEQ ID 1
SEQ ID 2
SEQ ID 3

ATGAGAGGATCGCATCACCATCACCATCACGGATCTAAACCACATATCGATAATTATCTT 60
TACTCTCCTAGCGTAGTGGTAGTGGTAGTGCCTAGATTGGTGTATAGCTATTAATAGAA
M R G S H H H H H G S K P H I D N Y L
CACGATAAAGATAAAGATGAAAGGATTGAACAATATGATAAAAATGTAAAAGAACAGGCG 120
GTGCTATTTCTATTTCTACTTTTCTAACTTGTATATACTATTTTACATTTTCTTGTCCGC
H D K D K D E R I E Q Y D K N V K E Q A
AGTAAGGATAAAAAGCAGCAAGCTAAACCTCAAATTCCGAAAGATAAATCGAAAGTGGCA 180
TCATTCCCTATTTTTTCGTCGTTTCGATTGGAGTTTAAAGGCTTCTATTTAGCTTTACCGT
S K D K K Q Q A K P Q I P K D K S K V A
GGCTATATTGAAATTCCAGATGCTGATATTAAAGAACCAGTATATCCAGGACCAGCAACA 240
CCGATATACTTTAAGGTCTACGACTATAATTTCTTGGTCATATAGGTCCTGGTCGTTGT
G Y I E I P D A D I K E P V Y P G P A T
CCTGAACAATTAAATAGAGGTGTAAGCTTTGCAGAAGAAAATGAATCACTAGATGATCAA 300
GGACTTGTTAATTTATCTCCACATTTCGAAACGTCTTCTTTTACTTAGTGATCTACTAGTT
P E Q L N R G V S F A E E N E S L D D Q
AATATTTCAATTGCAGGACACACTTTTCATTGACCGTCCGAACTATCAATTTACAAATCTT 360
TTATAAAGTTAACGTCCTGTGTGAAAGTAACTGGCAGGCTTGATAGTTAAATGTTTAGAA
N I S I A G H T F I D R P N Y Q F T N L
AAAGCAGCCAAAAAAGGTAGTATGGTGTACTTTAAAGTTGGTAATGAAACACGTAAGTAT 420
TTTCGTCGGTTTTTTTCCATCATACCACATGAAATTTCAACCATTACTTTGTGCATTCTATA
K A A K K G S M V Y F K V G N E T R K Y
AAAATGACAAGTATAAGAGATGTTAAGCCTACAGATGTAGAAGTTCTAGATGGATCCGCA 480
TTTTACTGTTTCATATTCTCTACAATTCGGATGTCTACATCTTCAAGATCTACCTAGGCGT
K M T S I R D V K P T D V E V L D G S A
TGCGAGCTCGGTACCCCGGGTCGACCTGCAGCCAAGCTTAATTAG 525
ACGCTCGAGCCATGGGGCCCAGCTGGACGTCGGTTCGAATTAATC
C E L G T P G R P A A K L N *

Figure 4a